

5! FIVE FACTORIAL

$$5! = 1 \cdot 2 \cdot 3 \cdot 4 \cdot 5$$

#11 p. 640  $(7-5)! = 2! = 1 \cdot 2 = 2$

(#13)

$$\frac{8!}{3! \cdot 5!} = \frac{\cancel{1} \cdot \cancel{2} \cdot \cancel{3} \cdot \cancel{4} \cdot \cancel{5} \cdot 6 \cdot 7 \cdot 8}{\cancel{1} \cdot \cancel{2} \cdot \cancel{3} \cdot 1 \cdot \cancel{2} \cdot \cancel{3} \cdot \cancel{4} \cdot \cancel{5}}$$

$$(8!) \div (3! \cdot 5!) = 7 \cdot 8 = 56$$

p. 640 #25

8 MATH  $\rightarrow$  PRB S ENTER  
2: nPr

p. 641 #39 BARLEY

$$6! = 1 \cdot 2 \cdot 3 \cdot 4 \cdot 5 \cdot 6 = 720$$

#41 TROUT

$$\frac{5!}{2!} = \frac{\cancel{1} \cdot \cancel{2} \cdot 3 \cdot 4 \cdot 5}{1 \cdot 2} = 60$$

#47

CORRESPONDENCE

14!

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2! 2! 2! 3! 2!

C O R R E N

$$(14!)^{\div} / (2! 2! 2! 3! 2!)$$

#43 FOOTBALL

#45 BOOKKEEPER

$$0! = 1$$

p. 643

DEFINITION

COMBINATION

READ AND WORK ON ACTIVITY ON  
p. 643

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HOME p. 640 26, 28, 30

p. 641 40, 42, 44, 46